

Title (en)  
Bicycle front fork assembly

Title (de)  
Fahrrad-Vorderradgabel

Title (fr)  
Ensemble de fourche avant de bicyclette

Publication  
**EP 1840021 A2 20071003 (EN)**

Application  
**EP 07013594 A 20030617**

Priority  
• EP 03737172 A 20030617  
• US 19583002 A 20020712

Abstract (en)  
A wheel support (14, 36) for a bicycle (10), wherein said wheel support is configured to be coupled to a main frame portion (34) of an associated bicycle at a first end (48) and configured to extend on opposing sides of and support a wheel (16,20) of the bicycle at a second end (52). Said support comprises an outer wall portion (62), which defines an outer surface and a cavity (66) passing through said wheel support in a lateral direction; and a damping member (60) positioned within said cavity, wherein said damping member dampens vibrations originating at the wheel of the bicycle.

IPC 8 full level  
**B62K 25/04** (2006.01); **B62K 19/16** (2006.01); **B62K 21/02** (2006.01)

CPC (source: EP US)  
**B62K 19/16** (2013.01 - EP US); **B62K 21/02** (2013.01 - EP US); **B62K 25/04** (2013.01 - EP US); **B62K 2201/02** (2013.01 - EP US)

Citation (applicant)  
JP H0853092 A 19960227 - MIZUNO KK

Cited by  
EP3354550A4; EP2332816A1; US8833784B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1840021 A2 20071003; EP 1840021 A3 20100901; EP 1840021 B1 20120321**; AT E371575 T1 20070915; AT E550249 T1 20120415; AU 2003238277 A1 20040202; DE 60316003 D1 20071011; DE 60316003 T2 20080521; EP 1549541 A1 20050706; EP 1549541 B1 20070829; US 2004007848 A1 20040115; US 2004084872 A1 20040506; US 2006197303 A1 20060907; US 2007210553 A1 20070913; US 6669218 B1 20031230; US 7144028 B2 20061205; US 7175191 B2 20070213; US 7398986 B2 20080715; WO 2004007271 A1 20040122

DOCDB simple family (application)  
**EP 07013594 A 20030617**; AT 03737172 T 20030617; AT 07013594 T 20030617; AU 2003238277 A 20030617; DE 60316003 T 20030617; EP 03737172 A 20030617; US 0319215 W 20030617; US 19583002 A 20020712; US 41799606 A 20060503; US 67461307 A 20070213; US 69222603 A 20031023